

F-7999

Identifier: Junichi OUCHI

**AMENDMENTS TO THE CLAIMS:**

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Currently Amended) A device for detecting slope of the vehicles ~~or the like~~ comprising:

means for detecting a horizontal acceleration, ~~mounting~~ mouted on a moving object, detecting the acceleration of the running direction of the moving object;

means for detecting perpendicular acceleration to the running direction of the horizontal detecting means; and

means for detecting, ~~attaching~~ relatively to the horizontal detecting means and perpendicular detecting means, ~~detecting the~~

acceleration-deceleration of the moving object by whether the sum of squares respectively which the acceleration detected by the horizontal detecting means and the acceleration detected by the perpendicular detecting means is equal to the second power of gravity acceleration, and calculating the slope of the moving object in acceleration-deceleration.

2. (Currently Amended) A device for detecting slope of the vehicles or the like comprising:

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means for detecting including a means for detecting a horizontal acceleration of the moving object and means for detecting perpendicular acceleration to the running direction of the horizontal detecting means, provided at the horizontal detecting means integrally; and

5 means for detecting, ~~attaching~~ relatively to the detecting means, ~~detecting~~ the acceleration-deceleration of the moving object by whether the sum of squares respectively which the acceleration detected by the horizontal detecting means and the acceleration detected by the perpendicular detecting means is equal to the second power of gravity acceleration, and calculating the  
10 slope of the moving object in acceleration-deceleration.